

1135-O5-3039 **Lola Thompson*** (lola.thompson@oberlin.edu). *#quadraticreciprocity: from 140-character tweets to polished student-authored textbooks.*

The only textbooks allowed in my inquiry-based number theory course are the ones that my students author at the end of the semester. When I first designed this course, I found that many of my students' textbooks were far from the polished works that I was anticipating. Many were poorly written and unfocused. One particularly memorable textbook consisted entirely of 140-character tweets which, while creative, proved impossible to follow. I consulted with colleagues who teach writing courses in other departments in order to figure out what went wrong. Thanks to my colleagues' valuable advice, I have re-structured my writing prompts, added in-class discussions of disciplinary writing practices, and incorporated a formal revision process. In this talk, I will give specific examples of these adaptations, which have led to significant improvements in my students' textbooks. (Received September 26, 2017)